

ABSTRACT OF THE DISCLOSURE.

A hand drill with the shape of the drill blade tip having blades on the two edges of a shaved powder ditch which is applied in a slanted straight line, and the structure of the drill is made so that the two edges of the shaved powder ditch is arranged gradually into acute angle towards the rotating direction. Also, the tip end of a round pillar material is press processed and blades are attached, forming a two-blade shape. A hook hole is applied at the side of the tip for pulling up a suture wire. The grip part and the drill axis part are connected with insert mould processing method, and the grip part is in a shape with uneven surface for smooth fitting in the palm. With the foresaid features, the resistance from the hole side due to hand trembling and the resistance at the time of pulling the drill out of the hole are reduced, enabling sufficient intensity and piercing force achieved in a short time, providing a hand drill that discharges shaved powder from bone tissue smoothly. This invention offers a hand drill for sternum suture, having a sharp cutting feature with a small cross section, avoiding inconveniences of breakage, acquiring space to discharge shaved powdered bone, and the drill can be pulled out easily.